

Appl No. 10/517,279
Amdt Dated September 21, 2006
Reply to Office Action of April 21, 2006

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) A storage battery comprising:

main positive and negative terminals that are connected to a plate pack;

at least one auxiliary terminal that is connected via a connection portion to at least one of the main positive and negative terminals, said at least one auxiliary terminal having a shape smaller than the shape of each of the main positive and negative terminals;

a container for accommodation of the plate pack; and

a lid for covering an opening of the container; wherein

said lid has on its ~~ten~~ top a recess,

at least one of said main positive and negative terminals are partly embedded in the lid.

said connection portion has a part embedded inside of the lid that extends from the at least one of the main positive and negative terminals partly embedded in the lid, the part of the connection portion having a protruding end that protrudes to the inside of the recess, and

said at least one auxiliary terminal is located in said recess at the protruding end.

Claim 2 (canceled)

Claim 3 (canceled)

Claim 4 (currently amended) The storage battery according to claim 3 1, wherein the protruding end of the connection portion that is located in protrudes to the inside of the recess on the top of the lid is at least partially embedded in resin filled and cured in the recess, and said at least one auxiliary terminal is exposed on the surface of said resin.

Claim 5 (currently amended) The storage battery according to claim 4, wherein said part of the connection portion embedded in the cured resin inside of the lid has on its side a ring-shaped protrusion.

Claim 6 (canceled)

Claim 7 (previously presented) The storage battery according to claim 1, further comprising a bushing monolithically formed with each of the main positive and negative terminals, wherein said connection portion is connected via the bushing to each of the main positive and negative terminals.

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Claim 8 (previously presented) The storage battery according to claim 7, wherein the connection portion has a downwardly extending portion and a horizontal portion, said downwardly extending portion obliquely extending from an upper portion of the bushing to the horizontal portion.

Claim 9 (previously presented) The storage battery according to any one of claims 7 and 8, wherein the connection portion is monolithically formed with the bushing and each of the main positive and negative terminals.

Claim 10 (previously presented) The storage battery according to claims 1, wherein the connection portion is made of any one of lead and lead alloy.

Claim 11 (previously presented) The storage battery according to claim 1, wherein the top of the lid defines a closed peripheral edge of the recess.

Claim 12 (currently amended) The storage battery according to claim 1, wherein said recess on the top of the lid extends between the main positive and negative terminals, and said at least one auxiliary terminal inside of the recess comprises a pair of auxiliary terminals that are respectively connected to the main positive and negative terminals, and said main positive and negative terminals and said pair of auxiliary terminals are aligned in a substantially straight line.

Claim 13 -28 (canceled)

Claim 29 (new) The storage battery according to claim 1, wherein said at least one auxiliary terminal in the recess on the top of the lid is disposed so as not to protrude outward from the top of the lid.

Claim 30 (new) The storage battery according to claim 1, wherein the recess on the top of the lid provides a space, through which any one of a device for announcing the life of the battery and an automobile antitheft device is incorporated with the storage battery.